

Beach Assessment and Recovery – 19(i)

EPA Order: WM shall provide to EPA and DOH a work plan and schedule for ongoing daily beach assessment and recovery of waste material released from WGSL.

WM Response: In response to the stormwater release that carried waste material from the WGSL on January 13, 2011, WM implemented a beach assessment and cleanup program. On January 13, 2010, “Potentially Contaminated Water” warning signs were posted near the outfall and the surrounding beaches by the City and County of Honolulu. The initial assessment on January 14, 2011 was focused on the stormwater outfall that carries the waters of the WGSL drainage basin. WM continued assessment on January 15 at the outfall and on January 16, WM began covering several nearby beaches that had reports of observed waste. On January 16, WM set up a hotline to enable the public to report waste observed on the beaches near the landfill to the proper personnel for cleanup. This hotline remains active and the phone number is directed to our landfill office receptionist. The receptionist maintains a call log to document incoming calls. WM performed daily assessments and cleanup of all identified beaches until January 21, 2011, at which time the amount of waste observed diminished drastically, and the daily assessment was suspended. On January 24, WM performed one final assessment and observed no waste that could have been attributed to the WGSL. WM continues to respond and track reports of waste on the nearby beaches. Attached is a log of recovered waste from the beaches and the WGSL outfall (Attachment 1) and a log of phone reports of waste (Attachment 2). WM will also report via email as part of the Daily Progress Report to the EPA and DOH any response performed by our staff or authorized parties on beaches or shorelines in response to either reports received or any WM inspections.

Attachment 1

Waimanalo Gulch Sanitary Landfill
Storm Response Beach Cleanup Summary Log

Date	Location	Debris/Typical Ocean Trash (No. of 40 gallon bags)	Medical Waste
13-Jan	Stormwater Sampling, and Warning Signs Placed	0	0
14-Jan	WGSL Storm Drain Outlet	20	1 gallon bucket full
15-Jan	WGSL Storm Drain Outlet	10	2 syringes, 1 vial
16-Jan	White Plains Beach	5	1 syringe
16-Jan	WGSL Storm Drain Outlet	0.5	7 syringes
17-Jan	White Plains Beach	2	2 syringes, 1 vial
17-Jan	White Plains Beach/Nimitz Beach	1	2 syringes
18-Jan	Pokai Bay	0	0
18-Jan	White Plains Beach/Nimitz Beach	4	0
18-Jan	White Plains Beach/Nimitz Beach	10	2 syringes
19-Jan	White Plains Beach/Nimitz Beach	0	1 syringe
19-Jan	Pokai Bay	0	0
19-Jan	Kahe Beach/Tracks/WGSL Discharge/HECO Discharge	0	1 syringe, 1 vial
20-Jan	Kahe Beach/Tracks/WGSL Discharge/HECO Discharge	0	0
20-Jan	Ko'Olina (Paradise Cove)	0	1 syringe
20-Jan	White Plains Beach/Nimitz Beach	0	0
21-Jan	White Plains Beach/Nimitz Beach	0	0
21-Jan	Kahe Beach/Tracks/WGSL Discharge/HECO Discharge	0	0
24-Jan	Kahe Beach/Tracks/WGSL Discharge/HECO Discharge/Paradise Cove	0	0
24-Jan	White Plains Beach/Nimitz Beach	0	0
26-Jan	WGSL Storm Drain Outlet (at request of DOH in response to personal report)	0	0
3-Feb	KoOlina Lagoon #4 (response to call)	0	6 syringes
18-Feb	KoOlina Lagoon #4 (response to call)	0	0

Attachment 2

MEDICAL WASTE SIGHTING LOG:

<u>DATE</u>	<u>NAME</u>	<u>REPRESENTING / PHONE #</u>	<u>WHEN, WHAT AND WHERE SEEN</u>
1/14/2011	Arlene Kabai	EPA-Region 9	Reported that lifeguard at White Plains Beach found 2 syringes in the water.
1/15/2011	Arlene Pang	State of HI AG Office	Reported that lifeguard at White Plains Beach found syringes that had washed onshore. Joe Whelan called lifeguard (Moku) who found 6 syringes w/o needles and 2 needles
1/17/2011	Terrence Johnson	EPA	Got call regarding syringes found at Pokai Bay. Turned them in to Tulsie Gabbard.
1/17/2011	Sue Ellen	673-1922	1/16/11 seen a syringe on the beach in Nanakulu directly across Hakimo Rd.
1/17/2011	John Merritt	864-7482	1/17/11 seen syringes and cotton at all 4 lagoons at Ko'Olina
1/17/2011	Lawton	368-2004	1/17/11 seen syringes with and without needles and some sediment at Ko'Olina lagoon 3 (Found to be clean needles)
1/20/2011	Wayne Yamamoto	388-1236	1/20/11 seen a syringe without needle on beach fronting Paradise Cove ... prefers not to handle himself
1/24/2011	Charles Lopez	696-3069 or 333-7075	1/17/11 lifeguards at Pokai Bay found 4 -5 syringes ... he heard from a reliable source of his that medical waste trucks were seen dumping their waste in sewer lines in Maile and Pokai Bay ... is that true? AWould like to know if the City has documentation regarding disposal whereabouts? Why were no signs posted at Pokai Bay that beach was closed, there were signs at the Army Rest Camp Beach a couple miles away? Army Rest Camp took samples and found lots of bacteria. He tried contacting City via phone/email ... got no response.
1/26/2011	Lene of DOH	586-4226	Someone (Carroll Cox) reported seeing medical waste at WGSL stormwater outlet at Ko'Olina ... don't know when it was seen or if it had already been cleaned-up.
1/31/2011	Caroline Ko'Olina sports club	679 3723	medical waste found by lagoon 4 , items not confirmed. Nat called Left mssg. For Caroline WM will be onsite to search for more waste.
2/3/2011	Sam/Sue Rakes	512-250-8141	2/2/11 syringe without needle (he has it) seen at Ko'olina jetty at lagoon 4 in front of the marina. Also reports seeing a lot of garbage (he's thinks may have come from landfill) along the shore line. Rick confirmed medical at location + rubbish mixed, he brought 3/4 of trash bag back to site.
2/15/2011	Sam Rakes	512 250 8141	found 2 more syringes at lagoon 4 area LM on VM; Smith arrived to Ko'Olina on 2/18, Sam confirm he threw away already.